



2021 Aviation Maintenance Technical & IA Renewal Conference

February 1-5, 2021

1:00 – 3:00 pm
and 7:00 – 8:00 pm

To register for this event – click on the link below

[Activities, Courses, Seminars & Webinars - Event Details and Registration - FAA - FAASafety.gov](#)

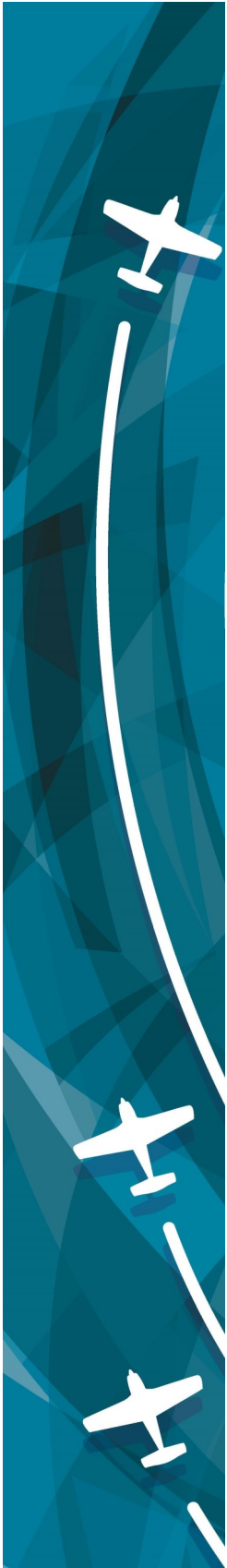


Date / Time	Session Topic, Description and Speaker
Monday February 1, 2021 1:00 – 2:00 pm	Magneto AD's/Bulletins & 500 Hour Inspections Different spark plug configurations. Detonation and pre-ignition. 100LL and spark plug fouling. Effect of engine timing on spark plug temperature. Operational issues, service and maintenance. Joe Logie, Champion Aerospace
Monday February 1, 2021 2:00 – 3:00 pm	ACO Assisted Field Approvals This session will answer the question – What is a Field Approval? Scott Fohrman, FAA - Chicago ACO
Monday February 1, 2021 7:00 – 8:00 pm	Aircraft Battery Airworthiness—2021 The battery is the heart of the aircraft. Concorde presents the varied battery technologies in the marketplace, safety, lead acid aircraft battery ratings, commissioning of lead acid aircraft batteries, and the maintenance process. Including the best practices of servicing: capacity testing, charging, maximizing the life of your battery. Also, cleaning & storage, installation eligibility. Mike Abrams, Concorde Battery Corporation
Tuesday February 2, 2021 1:00 – 2:00 pm	Your Maintenance Liability—Update Aircraft maintenance liability issues from both the FAA enforcement and civil liability perspectives. Recent enforcement cases involving maintenance providers. Civil liability aspects arising from the performance of aircraft maintenance. Greg Reigel, Shackelford, Bowen, McKinley & Norton, LLP
Tuesday February 2, 2021 2:00 – 3:00 pm	Experimental Aircraft Maintenance This session will cover various tips, tricks and reminders to consider when maintaining experimental aircraft. Joe Norris, EAA – Oshkosh
Tuesday February 2, 2021 7:00 – 8:00 pm	Composite Propeller Inspections and Repairs General composite propeller inspection and minor repair procedures and supporting approved data Mark Moen, Milwaukee Area Technical College

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Wednesday February 3, 2021 1:00 – 2:00 pm	Aircraft Audio Wiring This presentation will cover aircraft audio, audio control, audio wiring and audio connections. Proper installation techniques, inspection, and troubleshooting methods will be included in the presentation. Joe Schmidt, Fox Valley Technical College
Wednesday February 3, 2021 2:00 – 3:00 pm	Basic Maintenance of Aircraft Pre-Heating Tanis Aircraft Products has been manufacturing aircraft preconditioning systems for almost 50 years. We will shared what we have learned, what we are currently working, and installation does and don'ts. Doug Evink, Tanis Aircraft Products
Wednesday February 3, 2021 7:00 – 8:00 pm	Electronic Ignition Systems This presentation will give an overview of ignition system theory, a description of the high-energy, variable timing ignition system from Electroair, installation guidelines, and trouble-shooting tips. Mike Kobyluk, ElectroAir, Inc.
Thursday February 4, 2021 1:00 – 2:00 pm	What would you do in these Maintenance Situations? This presentation looks at some of the new technology taking flight, and what to expect for maintenance. It also looks at several aircraft case studies involving poorly maintained and overhauled aircraft and engines. Some unique examples of maintenance human factors are also presented in this enlightening presentation. Mike Millard, FAA-HQ GA Ops Branch
Thursday February 4, 2021 2:00 – 3:00 pm	Lycoming & Continental Piston Engine Problems and Solutions Lycoming and Continental Piston Engine Problems Dennis Wyman, G&N Aircraft, Inc.
Thursday February 4, 2021 7:00 – 8:00 pm	Pratt & Whitney PT6A, Pre-Purchase Inspection This session will cover information critical for the shop that is called on to do a Pre-purchase Inspection of a PT6A powered aircraft. It will also cover some of the common inspection areas unique to the PT6A engine: hot and cold section, on-ground and in-flight performance checks, pros/cons of PMA parts usage. Philip Reinbold, StandardAero

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Friday February 5, 2021 1:00 – 2:00 pm	Engine Failure After Maintenance This presentation is the first in a series about engine failures after maintenance. Engine failure after maintenance is another way of saying maintenance error. This presentation is a list of accidents that illustrate the most popular mistakes that cause engines to quit. Troy Siekas, FAASTeam Program Manager, MSP Airworthiness
Friday February 5, 2021 2:00 – 3:00 pm	UAS Maintenance: Where Are We and Where Do We Need to Be?: Maintenance of Unmanned Aircraft will be a critical part of a safe integration into the US National Airspace System. Currently, we lack a standardized maintenance program and a defined skillset for maintenance technicians in this emerging field. The aviation maintenance workforce will need to upskill in order to continue to provide for the safe and reliable operation and integration of this technology. Zack Nicklin, National Center for Autonomous Technologies, NCTC
Friday February 5, 2021 7:00 – 8:00 pm	The Path Around Avionics Obsolescence An update on aging avionics system including Honeywell, Collins, Universal and Garmin that are facing obsolescence. Michale Kussatz, Duncan Aviation

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Registration is required. Visit
www.FAASAFETY.gov
and create a free account.

This online training is being
provided in partnership with:

- MSP and MKE FSDO Offices
- MnDOT Aeronautics
- WisDOT Bureau of Aeronautics